



## HIGH SPEED FUSES AND SYSTEM PROTECTION

For Automotive / Electric Vehicles and  
EVSE / Charging Equipment



## Automotive Fuse Introduction

Adler EV fuses are specially engineered and tested to provide best-in-class auxiliary protection and high performance protection in managing systems of Electrical and Hybrid Electrical Vehicles, up to 200 Vdc -1500 Vdc in ratings from

10 - 1400A. Adler EV fuses was specifically built from the ground up to meet the stringent requirements and standards of the electric vehicle industry.



## EVS Fuse Introduction

Adler EVSE fuses series are specially engineered and tested to provide best-in-class bolt down auxiliary fuse protection and high-performance protection in managing systems of Electrical and Hybrid Electrical Vehicles, up to 150 -1000Vdc

in ratings from 20 – 600A. The Adler EVSE fuses fuse is ideal for battery and alternator protection application and other heavy gauge cables requiring ultra-high current protection.



## Electric Vehicle (EV) Protection

### AE4

Rated voltage: 200Vdc/275Vac



REF SPEC: UL248-20/ISO8820-8  
Rate Current: 10-63A  
Breaking Capacity: 10kA, 20kA  
Certified: Certification in Process  
Size: 10x26mm



### AE2

Rated voltage: 500Vdc



REF SPEC: UL248-20/ISO8820-8  
Rate Current: 10-50A  
Breaking Capacity: 20kA  
Certified: UL & TÜV  
Size: 10x38mm



### EF3

Rated voltage: 150/200/250/315Vdc



REF SPEC: UL248-20/ISO8820-8  
Rate Current: 150-700A  
Breaking Capacity: 50kA  
Certified: UL  
Size: 77x20/79x32/77x30mm



### EF5

Rated voltage: 500Vdc/420Vac



REF SPEC: UL248-20  
Rate Current: 100-400A  
Breaking Capacity: 50kA  
Certified: UL  
Size: 49x22/49x36mm



### AE5

Rated voltage: 500Vdc



REF SPEC: JASOD622, ISO8820-8,  
GB/T31465  
Rate Current: 50-800A  
Breaking Capacity: 30kA, 50kA  
Certified: UL & TÜV  
Size: 21x40/25x44/31x53/  
38x53/51x53mm



### EF8

Rated voltage: 800Vdc



REF SPEC: UL248-20  
Rate Current: 100-400A  
Breaking Capacity: 50kA  
Certified: UL  
Size: 57x22mm/57x36mm



### AE3

Rated voltage: 850Vdc



REF SPEC: UL248-20, ISO8820-8,  
JASOD622, GB/T31465.6  
Rate Current: 5-50A  
Breaking Capacity: 20kA  
Certified: UL  
Size: 10x38mm



### AE7

Rated voltage: 800Vdc



REF SPEC: JASOD622, ISO8820-8,  
UL248-20  
Rate Current: 60-800A  
Breaking Capacity: 50kA  
Certified: UL  
Size: 25x66/38x72/51x72mm



### AE6

Rated voltage: 1000Vdc



REF SPEC: UL248-20/ISO8820-8  
Rate Current: 5-70A  
Breaking Capacity: 30kA, 50kA  
Certified: UL & TÜV  
Size: 10x38/14x51/14x65/  
/22x65mm



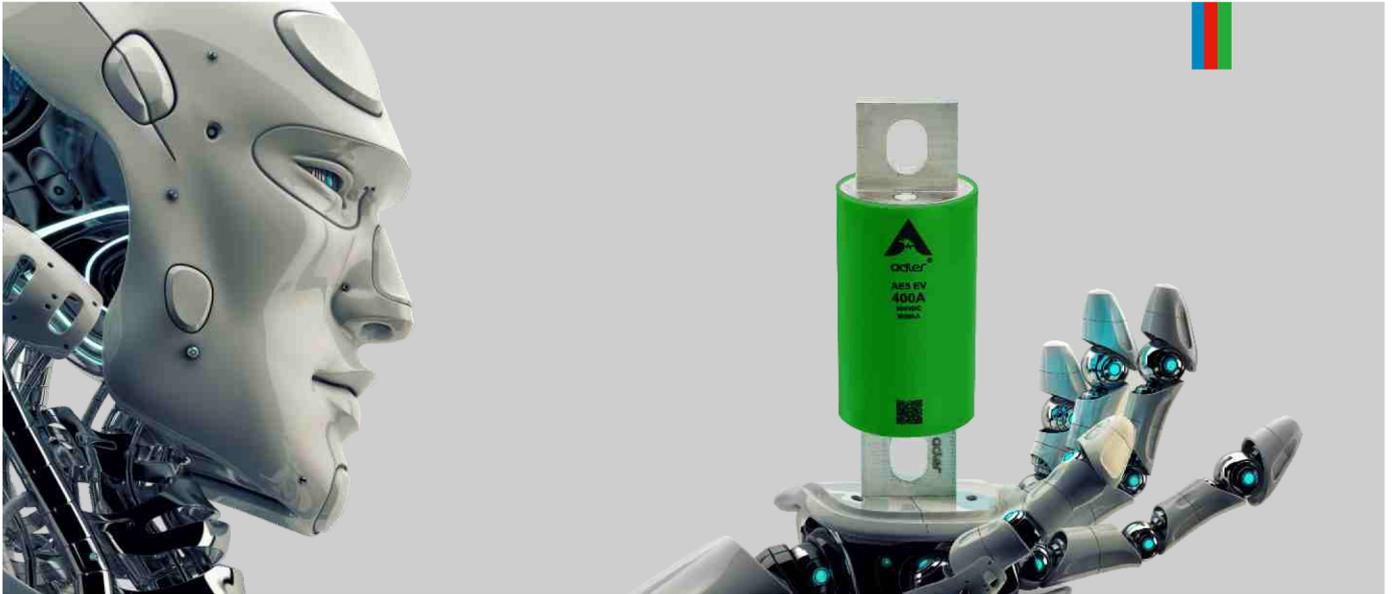
### EFX

Rated voltage: 1000Vdc



REF SPEC: UL248-20/IEC60269-4  
Rate Current: 550-1100A  
Breaking Capacity: 50kA  
Certified: Certification in Process  
Size: 59x32/74x32mm





<b>EFX</b>	Rated voltage: 1000Vdc
	<p>REF SPEC: UL248-20/JASO D622                  Rate Current: 63-500A                  Breaking Capacity: 50kA                  Certified: UL                  Size: 74x22/74x36/71x47mm</p> 

<b>ATX</b>	Rated voltage: 800/1000Vdc/1300Vdc
	<p>REF SPEC: UL248-20/IEC60269-4                  Rate Current: 160-1400A                  Breaking Capacity: 50/100kA                  Certified: UL &amp; TÜV                  Size: 80x51/80x59/81x74mm</p> 

<b>AEX</b>	Rated voltage: 1000Vdc
	<p>REF SPEC: JASO D622, ISO 8820-8,                  UL248-20                  Rate Current: 70-800A                  Breaking Capacity: 50kA                  Certified: UL &amp; TÜV &amp; CCC                  Size: 25x72/31x72/38x72/51x72/64x72mm</p> 

<b>PFX</b>	Rated voltage: 1000Vdc 
	<p>REF SPEC: LV124, AK-LV16                  Rate Current: 600A                  Breaking Capacity: 15kA                  Certified: In Process                  Size: 60x78.5mm</p> 

<b>PF6</b>	Rated voltage: 600Vdc 
	<p>REF SPEC: LV124, AK-LV16                  Rate Current: 600A                  Breaking Capacity: 20kA                  Certified: In Process                  Size: 45x71mm</p> 

<b>EFZ</b>	Rated voltage: 1500Vdc
	<p>REF SPEC: UL248-20                  Rate Current: 100-300A                  Breaking Capacity: 30kA                  Certified: UL &amp; TÜV                  Size: 84x43mm</p> 

## EVS Charging Protection

### AT1

Rated voltage: 150Vdc



REF SPEC: UL248-13, UL248-20, JASO D622  
Rate Current: 20-200A  
Breaking Capacity: 20kA  
Certified: UL  
Size: 18x25mm



### AT2

Rated voltage: 250Vdc



REF SPEC: UL248-13, UL248-20, JASO D622  
Rate Current: 200-500A  
Breaking Capacity: 10kA  
Certified: In Process  
Size: 38x35mm



### AT5

Rated voltage: 500Vdc



REF SPEC: UL248-13, UL248-20, JASO D622  
Rate Current: 60-400A  
Breaking Capacity: 20kA  
Certified: UL  
Size: 38x70/81x70mm



### AT7

Rated voltage: 800Vdc



REF SPEC: UL248-13, UL248-20  
Rate Current: 125-400A  
Breaking Capacity: 20kA  
Certified: In Process  
Size: 38x70mm



### AEX

Rated voltage: 1000Vdc



REF SPEC: JASO D622, ISO 8820-8, UL248-20  
Rate Current: 70-800A  
Breaking Capacity: 50kA  
Certified: UL & TÜV & CCC  
Size: 25x72/31x72/38x72/51x72/  
64x72mm



### ATX

Rated voltage: 1000Vdc



REF SPEC: UL248-13, UL248-20  
Rate Current: 250-600A  
Breaking Capacity: 50kA  
Certified: UL  
Size: 38x70mm



## EV Fuse Mounting And Holders

### BH114

Rated voltage: 1100Vdc



Rated Current: 30; 50A  
Dielectric Strength: >1200V  
Torque: 2.3N.m  
Wire Range: 14-7AWG



### BH214

Rated voltage: 1000Vdc



Rated Current: 100A  
Torque: 4N.m  
Withstand: 200kA/s



### BHR

Rated voltage: 65/100/120Vdc



Base Material: PA+GF UL94V0  
Rated Current: 125/200/500A  
Torque: 3.5/12/19N.m  
Operation Temperature: -40°C-125°C



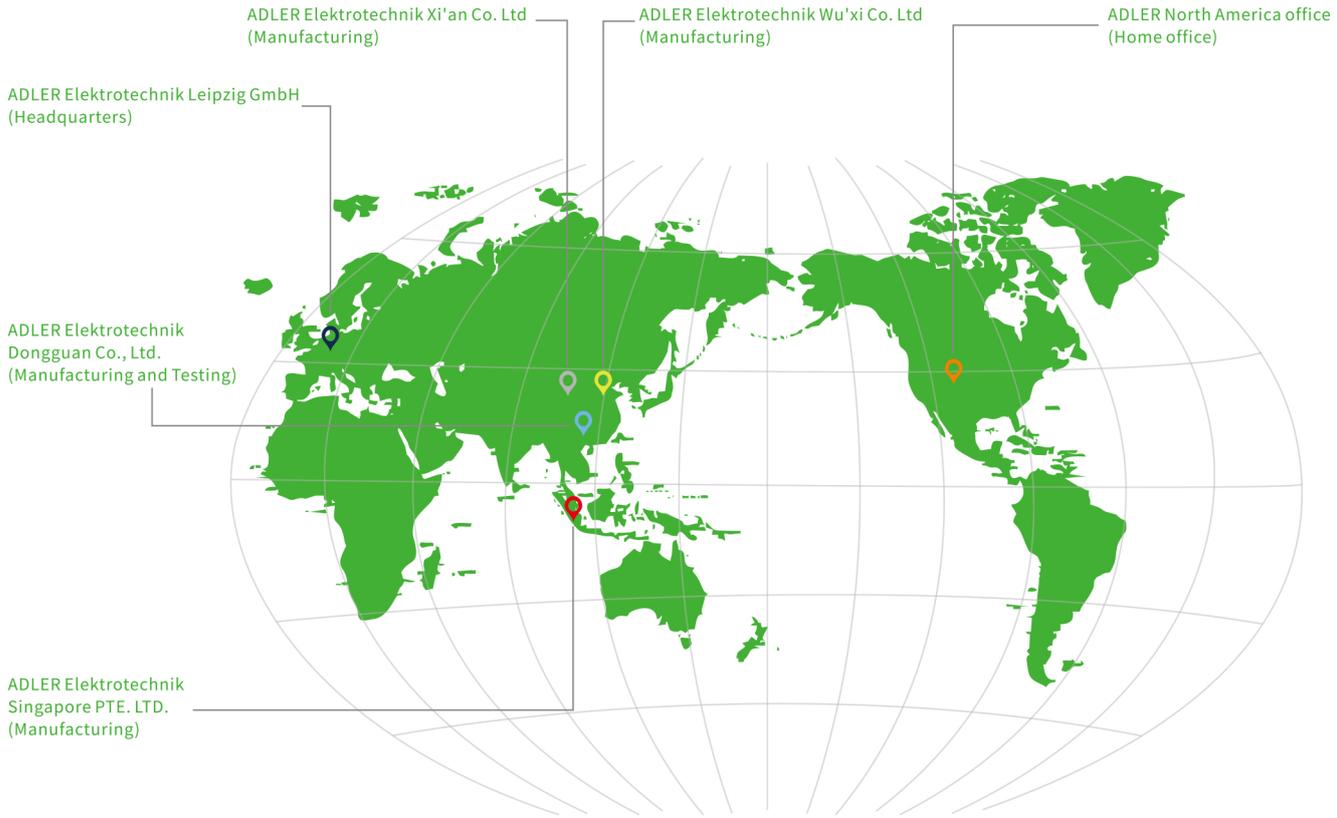
### BFR

Rated voltage: 1000Vdc



Operating temperature:  
-50°C to +180°C  
Max Voltage: 13-18 kV  
Metal Material: stainless steel





## Marketing management network:

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